

KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.;  
SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; NALOYEV, G.A., inzh.;  
CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDIN, A.Ya., inzh.;  
GULYAYEV, A.I., inzh.; STIGHEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.;  
KHELIMSKIY, I.Ye., inzh.; AVROV, A.M., inzh.; DEMIDOVA, M.I., inzh.;  
NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, F.I., inzh.; CHIVKUNOV, K.I.,  
inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHTUL',  
A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV,  
P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A.,  
ekonomist; KONKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Pri-  
nimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.;  
SOKOLOV, S.D.; STOROZHKO, I.G.; POMINYKH, A.I.. POLYAKOVA, E.,  
red.; SMIRNOV, G., tekhn.red.

[Organization and improvement of production; practices of the  
Gorkiy Automobile Plant] Organizatsiya i sovershenstvovanie  
proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo  
polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov,  
Polyakova, Smirnov).

(Gorkiy--Automobile industry)

KADINOV, O.

Payrolls

Pay schedule is a form of operative planning of financial institutions. Den. i kred, 11 no. 5, 1952

Monthly List of Russian Accessions, Library of Congress, August 1952. UNCLASSIFIED.

KADINSKIY, O.

Let us study more profoundly the economics and finance of enterprises. Den. i kred. 12 no.5:43-47 N'54. (MIRA 8:2)  
(Banks and banking)(Industrial management)

KADINSKIY, O.

~~Effectiveness of credit for new equipment. Den. i kred. 14 no.10:~~  
32-36 0 '56. (NLRB 9:11)  
(Credit) (Industry--Finance)

KADINSKIY, O.

Establishing accurate standards for industrial working capital.  
Den. i kred. 15 no.6:25-30 Je '57. (MIRA 10:7)  
(Russia--Industries)

REVIAKIN, N.; PAVLENKO, G.; KADINSKIY, O.

Business and employees of the State Bank. Den. i kred. 18 no.10:25-  
35 0 '60. (MIRA 13:10)

1. Krymskaya oblastnaya kontora Gosbanka (for Revyakin). 2. Kiyevskaya  
oblastnaya kontora Gosbanka (for Pavlenko). 3. Starshiy inspektor  
Leningradskoy gorodskoy kontory Gosbanka (for Kadinskiy).  
(Banks and banking) (Bank employees)

KADIROV, N. B.

"Problem Concerning Leakages Through Labyrinth Compression".  
Tr. Azerbaydzh. industr. in-ta, No 7, pp 114-129, 1954

A more exact formula is derived for determining the quantity of gas leakage through labyrinth, applicable for any occurring drops in pressure in separate stages of the labyrinth. (RZhMekh, No 8 1955)

SO: Sum No 812, 6 Feb 1956

KADIROW, N.B., dotsent.

Effective graphic method for plotting a working diagram on the basis of a developed indicator diagram. Trudy Azerb. ind. inst. no.8: 123-130 '54. (Heat engines) (Machinery, Kinematics of) (MIRA 9:10)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519830004-1

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519830004-1"

SOV/124-57-3-3212

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 82 (USSR)

**AUTHOR:** Kadirov, N. B.

**TITLE:** A Method of Checking the Design Computations of Heat Exchangers  
(Metodika poverochnogo rascheta teploobmennyykh apparatov)

**PERIODICAL:** Tr. Azerb. industr. in-ta, 1955, Nr 11, pp 119-131

**ABSTRACT:** The article deals with the question of rational methods for checking the design computations of tubular heat exchangers; the checking procedure is regarded as a problem in the determination of the final temperatures of the hot and cold liquid and the quantity of heat transferred in accordance with prescribed temperatures and water equivalents of the liquids involved for the fixed parameters of the heat exchanger (i. e., the number of pipes, their length, and their inner and outer diameters). The problem is posed in a very general form: In addition to the thermal resistance of the walls, the tendency of metal to change its thermal conductivity with varying temperature and the temperature dependence of the specific heat of the liquids is also taken into consideration. By utilizing his own formulas for the characteristic temperatures of liquids obtained

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SOV/124-57-3-3212

**A Method of Checking the Design Computations of Heat Exchangers**

earlier, the author shows that the problem may be reduced to a system of equations (the number of which is a function of the flow regime of the liquids). It is recommended that the resulting system of equations be solved by the method of successive approximations. Explanations are given regarding the application of the computational method proposed to specific instances of parallel-flow and counterflow-type heat exchangers operating under conditions of turbulent and laminar flow of liquids.

A. A. Gukhman

Card 2/2

SOV/124-57-7-7495

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 7, p 6 (USSR)

AUTHOR: Kadirov, N. B.

TITLE: An Investigation of the Properties of a Three-dimensional System of Forces (Issledovaniye svoystv prostranstvennoy sistemy sil)

PERIODICAL: Tr. Azerb. industr. in-ta, 1955, Nr 11, pp 102-118

ABSTRACT: Bibliographic entry

Card 1/1

KADIROV, N.B.

Category : USSR/Atomic and Molecular Physics - Heat

D-4

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 881

Author : Kadirov, N.B.

Title : Procedure for Verification Calculation for Heat Exchange Apparatus

Orig Pub : Tr. Azerb. in-ta, 1955, vyp. 11, 119-131

Abstract : A general procedure is given for verification calculation of heat exchangers on the basis of equations derived by the author in an earlier article (Tr. Azerb. in-ta, 1954, No 9) for the terminal and middle temperatures of the hot and cold liquids, for the temperatures of their boundary layers, and of the heat-transfer wall of the heat exchanger. Cases of direct flow and opposed flow are analyzed. In the case of turbulent motion of the working liquids, the defining temperatures are assumed to be their average temperatures. The calculation reduces to a solution of a system of seven equations, using the method of selecting the value of the heat transfer coefficient. In the case of laminar flow the calculations become complicated by the fact that the defining temperatures are taken to be the average temperatures of the boundary layers of the liquid, which results in an increase of the number of equations in the system to eleven. This system of equations is also solved by selecting the heat transfer coefficient.

Card : 1/1

KADIROV, N.B., NURIYEVA, Z.D.

Determining the thermal radiation of a point source incident on  
a given flat plane. Izv. Akad. Nauk SSSR no. 10:17-28 0 '56.  
(MIRA 10:3)  
(Heat--Radiation and absorption)

SOV/124-57-3-2656

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 3, p 7 (USSR)

AUTHOR: Kadirov, N. B.

TITLE Geometric Interpretation of the Principal Moment of a Three-dimensional Force System With the Aid of a Demonstration Model (Geometricheskaya interpretatsiya glavnogo momenta prostranstvennoy sistemy sil s pomoshch'yu demonstratsionnoy modeli)

PERIODICAL: Tr. Azerb. industr. in-ta, 1956, Vol 12, pp 5-21

ABSTRACT: Bibliographic entry

Card 1/1

KADIROV, N.B.; KIYASHEYLI, T.N.; ROTMAN, I.O.

Increasing the economy of piston compressor operation [in  
Azerbaijani with summary in Russian]. Azerb. neft. khoz. 36  
no.12:42-43 D '57. (MIRA 11:7)  
(Compressors)

KADIROV, N.B.

Theoretical study of the operation of piston compressors. Trudy  
Azerb. ind. inst. no.19:173-194 '57. (MIRA 11:9)  
(Compressors)

KADIROV, N.B.

Deriving basic differential equations determining the operation  
of oil-field piston compressors. Izv. vys. ucheb. zav.; neft' i  
gaz no.4:105-114 '58. (MIRA 11:9)

1. Azerbaydzhanskij industrial'nyy institut im. M. Azisbekova.  
(Differential equation) (Compressors)

KADIROV, N.B.

Basic equations on the external characteristics of piston  
compressors. Izv. vys. ucheb. zav.; neft' i gaz no.6:117-124  
'58. (MIRA 11:9)

1. Azerbaydzhanskiy industrial'nyy institut im. M. Axizbekova.  
(Compressors)

14(5), 14(2)

SOV/152-59-1-29/31

AUTHOR:

Kadirov, N. B.

TITLE:

On the Question of the Critical Speed in the Outflow of Gas Through Leaky Places in the Cylinder of a Piston Compressor  
(K voprosu o kriticheskoy skorosti istecheniya gaza cherez neplotnosti tsilindra porshnevogo kompressora)

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1959,  
Nr 1, pp 117 - 124 (USSR)

ABSTRACT:

In one of the author's earlier papers (Ref 1), the formulas (22), (23) and (24) were derived for the purpose of determining gas losses occurring at leaks on pressure- and suction-valves as well as on the piston rings of the compressor. The question is investigated as to whether these formulas can be used during the entire compressor operating cycle. In this connection the question of formation of critical speed of gas escaping through the leaks mentioned is dealt with. It is shown that gas will escape through the leaks with a speed lower than the critical one. For this reason, the formulas mentioned can be used for the entire compressor operating cycle. The formula (77) is then derived,

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On the Question of the Critical Speed in the Outflow of SOV/152-59-1-29/31  
Gas Through Leaky Places in the Cylinder of a Piston Compressor

which relates to that pressure ratio

$\frac{p}{p_0}$  where gas consumption is greatest. Here two possible cases

are investigated: 1) gas escapes with an influx of heat from outside and as simultaneous supply of internal frictional heat, 2) gas escapes under conditions of heat transfer through environmental parts under simultaneous addition of internal frictional heat. It is shown that during the escaping of gas which is accompanied by reciprocal friction of gas particles and friction against the canal wall simultaneously with heat transfer through environmental parts, the critical ratio of pressures can be greater or smaller than the pressure ratio existing at the highest gas consumption. This varies according to whether the specific heat  $c_1$  is greater or smaller than

$\frac{k}{k-1} c_2$ ,  $k$  being the characteristic value of the adiabatic process. There are 2 figures and 5 Soviet references.

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On the Question of the Critical Speed in the Outflow of SOV/152-59-1-29/31  
Gas Through Leaky Places in the Cylinder of a Piston Compressor

ASSOCIATION: Azerbaydzhanskiy industrial'nyy institut im. M. Azizbekova  
(Azerbaydzhani Industrial Institute imeni M. Azizbekov)

SUBMITTED: May 29, 1958

Card 3/3

KADIROV, N.B.

Determining the most effective distribution of gas pressure  
in multistage piston compressors [in Azerbaijani with summary  
in Russian]. Izv. AN Azerb. SSR. Ser. fiz. tekhn. i khim. nauk  
no.2:91-100 '59. (MIRA 12:8)  
(Compressors--Aerodynamics)

KADIROV, N.B.; ISKENDEROV, T.A.

Formula for determining friction of piston rings against  
piston compressor cylinder walls. Izv.vys.ucheb.zav.; neft'  
i gas 2 no.9:123-130 '59. (MIRA 13:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Arixbekova.  
(Piston rings) (Compressors)

KADIROV, N.B.

Determining the tension of the elastic transmission considering  
the transmission weight. Inv. vys. ucheb. zav.; neft' i gaz 2  
no.5:79-86 '59. (MIRA 12:8)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.  
(Mechanical engineering)

87163

S/152/60/000/011/005/005  
B024/B076

11.9200

AUTHOR: Kadirov, N. B.

TITLE: Derivation of a Formula for the Determination of the Heat Transfer Coefficient From Gas to the Wall on the Basis of the Kinetic Theory of Matter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1960, No. 11, pp. 95-100

TEXT: In this article, a formula is derived for the determination of the heat transfer coefficient from gas to the wall, which deals with the physical nature of heat transfer. The transfer of the kinetic energy of the gas molecules to the atoms of the hard wall with which they collide, and the transfer of energy to the neighboring atoms are discussed. This process is represented in the form of equations from which formula (10) is derived for the determination of the heat transfer coefficient from the gas to the wall, i.e.,

$$\alpha = 0.0394 \frac{np}{\mu_1 + \mu_2} \sqrt{\frac{\mu_1 g}{T}} \quad (10)$$

where  $\alpha$  = heat transfer coefficient from the gas to the wall;  $\mu_1, \mu_2$  = Card 1/3

Derivation of a Formula for the Determination  
of the Heat Transfer Coefficient From Gas to  
the Wall on the Basis of the Kinetic Theory  
of Matter

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B024/B076

molecular weight of gas and of the wall material, respectively. However, this formula is only valid in the case of a very turbulent gas flow where the temperature of the entire gas volume is uniformly distributed. If the distribution of temperature in the gas flow is uneven, the temperature  $T_w$  of the gas in the vicinity of the walls has to be determined first. In this case, formula (11) holds for the determination of heat transfer:

$$\alpha = 0.0394 \frac{np}{\mu_1 + \mu_2} \sqrt{\frac{\mu_1 g}{T_b}} \cdot \frac{T_b - T_w}{T - T_w} \quad (11)$$

This formula shows that the heat transfer coefficient not only depends on pressure  $p$ , on the average gas temperature  $T$ , and on  $T_b$  in the vicinity of the walls, but also on the temperature of the walls  $T_w$ . The above considerations show that the heat transfer coefficient from the gas to the wall is directly proportional to the absolute gas pressure. This factor depends on the physical nature of the gas and on the molecular weight of the wall material, as different materials absorb the heat transmitted to them in different ways. Thus, the kinetic theory of matter indicates the proper way to investigate the process of heat transfer from the gas to the wall. Academician M. A. Kikheyev

Derivation of a Formula for the Determination of the Heat Transfer Coefficient From Gas to the Wall on the Basis of the Kinetic Theory of Matter

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S/152/60/000/011/005/005  
B024/B076

is mentioned. There are 1 figure and 4 Soviet references.

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova  
(Azerbaydzhan Institute of Petroleum and Chemistry imeni M. Azizbekov)

SUBMITTED: May 20, 1960

X

Card 3/3

KADIROV, N.B.; ISKENDEROV, T.A.; ROTMAN, I.O.

Experimental determination of gas escapes through piston ring  
leaks in compressors. Izv. vys. ucheb. zav.; neft' i gaz 3  
no.7:115-119 '60. (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova  
i Neftepromyslovoye upravleniye "Kirovneft'".  
(Compressors)

KADIROV, N.B.

Some problems of the kinematics of a three-cone bit. Izv. vys. ucheb. zav.; neft' i gaz 3 no.12:27-33 '60. (MIRA 14:10)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.  
(Oil well drilling)

KADIROV, N.B.; RASULOV, R.A.

Determining the parameters of gas flow in pipes. Azerb. naft. khoz.  
39 no.11:34-36 N '60. (MIRA 13:12)  
(Gas flow)

KADIROV, N.B.

Basic equations determining the real operating conditions  
for a piston-type compressor. Izv. AN Azerb. SSR. Ser. fiz.-  
mat. i tekhn. nauk no.1, 109-116 '61. (MIRA 14:4)  
(Compressors)

KADIROV, N.B.

Deriving a differential equation of the movement of the plate of  
a ring valve of a piston compressor. Izv. vys. ucheb. zav.;  
neft' i gaz 4 no.2:113-118 '61. (MIRA 15:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azisbekova.  
(Compressors)

KADIROW, N.B.

Kinematics of a three-roller bit. Izv.vys.ucheb.zav.; neft' i gas  
4 no.7:43-50 '61. (MIRA 14:10)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.  
(Oil welldrilling)

KADIROV, N.B.

Determining the friction moment and load-carrying capacity  
of plain bearings. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekhn. nauk  
no. 1:123-130 '62. (MIRA 15:4)  
(Bearings (Machinery))

KADIROV, N.B.

Invariant relationship between the operating conditions in cylinders of piston compressors. Izv.vys.ucheb.zav.; neft' i gaz 5 no.4:93-97 '62. (MIRA 16:1)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova.  
(Air compressors)

KADIROV, N.B.

Some problems of kinematics of three-roller bits. Izv.vys.ucheb.  
zav.;neft' i gaz 5 no.5:45-51 '62. (MIRA 16:5)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova.  
(Oil well drilling--Equipment and supplies)

L 17485-63	EPR/ENT(1)/EPP(c)/EPP(n)-2/BDS	AFFTC/ASD/IJP(C)/SSD
ACCESSION NR: AP3004613	Pa-4/Pr-4/Pu-4	WF
		S/0233/63/000/002/0103/0112
AUTHORS: <u>Kadirov, N. B.</u> ; <u>Ismail-Zade, Sh. M.</u>		
TITLE: Graphic analytical method for the verification of the calculation of the heat exchange apparatus. <span style="float: right;">71</span>		
SOURCE: AN AzerbSSR. Izv. Ser. fiziko-matem. i tekhn. nauk, no. 2, 1963, 103-112.		
TOPIC TAGS: heat exchange apparatus, counterflow heat exchanging system, direct-flow heat exchanging system.		
ABSTRACT: This article presents theoretical formulas for the determination of final and average temperatures, as well as the average temperatures of the layers bordering with the heat-transferring walls of the heat-exchanging apparatus. A general analytical method for the verification of the calculations for the heat exchanging apparatus is presented on the basis of these formulas. A graphic-analytical method has been employed in order to simplify these calculations. The graphic-analytical calculation is given for counter-flow as well as direct-flow systems. The direct-flow system is divided into two parts: turbulent and laminar flows. These two systems are calculated similarly, with the exception that the graphs are different for each calculation. The calculation of the heat		
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exchanger working in a direct-flow is analogous to the systems described above with the exception that in this case the final temperature  $t_2$  of the cold liquid must be determined first. Orig. art. has: 7 figures and 11 formulas.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 154u863

ENCL: 00

SUB CODE: PH, CH

NO REF Sov: 003

OTHER: 000

Card 2/2

KADIROV, N.B.

A more exact representation of the formula for determining the piston-ring friction against the cylinder wall of compressors.  
Izv.vys.ucheb.zav.;neft' i gaz 6 no.11:106-110 '63. (MIRA 17:9)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

NABIROV, N.B.

Determining the temperature of a gas at characteristic points of  
the working cycle of compressors on the basis of experimental data.  
Izv.vys.ucheb.zav.; neft' i gas 7 no.4:105-110 '64.

(MIRA 17:5)

I. Azerbaydzhanskij institut nefti i khimii imeni Azzabekova.

KADIROV, N.V.

Problem of the distribution of pressures in a layer of oil flowing through sliding bearings. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekhn.nauk no.5:45-56 '60. (MIRA 14:4)

(Bearings (Machinery))--Lubrication)

MEL'CHINSKIY, N.A., SUKHOUKOVA, L.N., ZEVELEVA, Z.A., KOROBOVA, F.M., KADISH, F.M.,  
BERLIZEVA, K.F., ZLOTNIKOV, Ye.M., BLYUMKINA, M.I.,  
VOLOSUNOVA, N.P. LARINA, S.P. YEVDOKIMOVA, L.N.

Professor Aleksandr Vasil'evich Savel'ev; on his 60th birthday.  
Vest.oto-rin. 20 no.6:126-127 N-D '58 (MIRA 11:12)  
(SAVEL'EV, ALEXANDR VASIL'EVICH, 1898-)

KADISHEV, I.B.; LAYTIS, L.G.; ORNL, E.M.

New texture coating of reclaimed wool. Tekst. prom. 17 no. 4:29-31  
Ap '57. (MLRA 10:4)

1. Iz rabot Tsentral'nogo nauchno-issledovatel'skogo instituta shertyanoy promyshlennosti i Ukrshersti.  
(Woollen and worsted manufacture)

SOKLOVSKIY, L.; KADISON, G.

Letter to the editor. Zhar. nevr. i psich. 58 no.12:1523-1524 '58.  
(SCHIZOPHRENIA) (MIRA 12:1)

KADISCV, M. B.

Kadisov, M. B. "Generalization of the Data of Coring for the Region of the Southern Enaba." Vostochnaia Neft, Moscow, No. 2/3, 1940, pp. 15-22.

KADISOV, M.; LUK'YANOV, G.

Collected studies "Nuclear geophysics," edited by F.A. Alekseev.  
Neft. khos. 38 no.11:66-67 N '60, (MIRA 14:4)  
(Nuclear geophysics) (Alekseev, F.A.)

KADITE, B.

"Ixodidae in the Lithuanian SSR."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Zoology and Parasitology, Academy of Sciences, Lithuanian SSR

KADITE, B.

Cand Biol Sci - (diss) "Ecology and biology of the mite *Ixodes ricinus* L. under conditions of the Lithuanian SSR." Vil'nyus, 1961. 19 pp; (Ministry of Higher and Secondary Specialist Education USSR, Vil'nyus State Univ imeni V. Kapsukas); 250 copies; price not given; (KL, 7-61 sup, 227)

ADZHIAN, Pogos Arutyunovich, zasluzhennyj zootekhnik RSPSR; PAKHTUSOV,  
Zosima Ivanovich, kand.sel'skokhoz.nauk; KADIYEV, Ye.V., red.;  
DENEVA, V.M., tekhn.red.

[Using food waste for fattening swine] Otkorm svinei na pishche-  
vykh otkhodakh. Moskva, Gos.ind-vo sel'khoz.lit-ry, 1960. 78 p.  
(MIRA 14:2)

(Swine--Feeding and feeds)

ZHIDKIEH, Zoya Aleksandrovna; KADIYEEVA, Ye.V., red.; DEYEEVA, V.M.,  
tekhn.red.

[Raising and fattening turkeys] Vyrashchivanie i otkorm  
indeek. Moskva, Gos.ind-vo sel'khoz.lit-ry. 1960. 119 p.  
(MIRA 14:2)

(Turkeys--Feeding and feeds)

KONYAYEV, Nikoley Ivanovich; KOLOBOV, Georgiy Mikhaylovich; KADIYEV,  
Ye.V., red.; BALLOD, A.I., tekhn.red.

[Poultry farming for meat production] Miasnoe ptitsevodstvo.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 196 p.  
(Poultry) (MIRA 13:11)

ZABOTINA, Zinaida Ivanovna, Geroy Sotsialisticheskogo Truda, master  
mashinnogo doyeniya korov, Doputat Verkhovnogo Soveta SSSR;  
ZABOTIN, Dmitriy Il'ich, Geroy Sotsialisticheskogo Truda,  
master mashinnogo doyeniya korov; KADIYEVA, Ye.V., red.;  
PROKOF'YEVA, L.N., tekhn. red.

[We are maintaining 300 cows] Obsluzhivaem 300 korov. Moskva,  
Sel'khozizdat, 1962. 62 p. (MIRA 15:10)

1. Semeykinskaya ferma sovkhoza "Shuyskiy" Ivanovskoy oblasti  
(for Zabotina, Zabotin).

(Ivanovo Province—Dairying)

PENIONZHKEVICH, E.E., doktor biol. nauk, prof.; KADIYEVA, Ye.V., red.;  
GOR'KOVA, Z.D., tekhn. red.; PEVZNER, V.I., tekhn.red.; MAKHOVA,  
N.N., tekhn. red.

[Poultry] Sel'skokhozinstvennaia ptitsa. Moskva, Sel'khoz-  
izdat. Vols.1-2. 1962. (MIRA 15:10)  
(Poultry)

GLUSHKOV, Nikolay Mikhaylovich; KADIYEVA, Ye.V., red.; GUREVICH, M.M.,  
tekhn. red.

[Manual for the beekeeper] Sputnik pchelovoda. Moskva, Sel'khoz-  
izdat, 1962. 318 p. (MIRA 15:11)  
(Bee culture)

KALASHNIKOV, Aleksey Petrovich, kand. sel'khoz. nauk; NECHAYEVA, Ye.G.,  
red.; KADIYEVA, Ye.V., red.; MAKHOVA, N.M., tekhn. red.;  
SOKOLOVA, N.N., tekhn. red.

[Silage type of feeding for cattle] Silosnyi tip kormlenia  
krupnogo rogatogo skota. Moskva, Sel'khozizdat, 1963. 158 p.  
(MIRA 16:10)

(Cattle--Feeding and feeds) (Ensilage)

MAKAROV, V.M., inzh.; BIKHENTAYEV, T.A.; KADKEVICH, V.N.;  
SAMSONOVA, A.A.; ZAOSTROVSKIY, F.P., kand. tekhn.nauk,  
retsenzent; KUBAREV, V.I., inzh., red.; TAIROVA, A.L.,  
red.izd-va; MODEL', B.O., tekhn.red.; UVAROVA, A.F.,  
tekhn.red.

[Rubberized and bimetallic machines and devices for the  
chemical industry; design and manufacture] Gummirovan-  
nye i bimetallicheskie mashiny i apparaty khimicheskikh  
proizvodstv; konstruirovaniye i izgotovlenie. [By] V.M.  
Makarov i dr. Moskva, Mashgiz, 1963. 274 p.  
(MIRA 17:2)

*KADKIN, V. A.*

USSR/Magnetism - Ferromagnetism, F-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 34913

Author: Yanus, R. I., Kadkin, V. A.

Institution: Ural State University, Sverdlovsk, USSR

Title: On the Structure of the Family of Symmetrical Hysteresis Loops of Ferromagnetics

Original

Periodical: Fiz. metallov i metallovedeniye, 1955, 1, No 3, 420-423

Abstract: A study is made of the effect of cold working on the structure of the family of symmetrical hysteresis loops in transformer steel (4% Si). The magnetization is made uniform over the cross section by using specimens of parabolic shape, and the uniformity of cold working is obtained by uniformly bending the specimens on surfaces of definite curvature. The hysteresis loops were plotted using the reversal method in a ballistic installation, while the coercive force was measured both by the throw method, as well as by reversal. It was observed that homogeneous cold working of the transformer steel does

Card 1/2

Card 2/2

APPROVED FOR R

*KADKIN, V. A.*

AUTHOR: None given

SOV/106-58-7-17/18

TITLE: Authors' Certificates (Avtorskiye svidetel'stva)

PERIODICAL: Elektrosvyaz', 1958, Nr 7, p 77 (USSR)

ABSTRACT: Ye.A. Nikitin, N.I. Svetlov and V.P. Yurchenko - "Method of Improving Raster Quality in a Phototelegraph System"; A.M. Pshenichnikov - "Device for Converting a DC Voltage into an Alternating Pulse Voltage of Proportionate Frequency"; V.Ye. Bukh-Viner - "Method of Increasing the Noise Protection of Multi-channel Repeatered Systems"; N.L. Artemyev and G.V. Braude - "The Photo-conductive Target of Photo-resistance Television Transmitting Tubes"; M.U. Polyak, "Method of Voice-frequency Telegraphy with Side-band Modulation Keying"; A.B. Pugach, "Device for Obtaining a Lengthened Telegraph Stop Signal"; I.I. Zhilovich, "A Device for the Reception of Phototelegraph Images with the Aid of Ferromagnetic Particles"; V.I. Smirnov - "Device for Obtaining Delayed Coincidences"; A.D. Tkachenko - "Noise-stable Telephone Fitting"; I.Ye. Finkler - "Central Battery System Telephone Switch"; V.A. Godlevskiy, S.A. Vasil'yev, L.M. Gol'shtein, M.F. Lutov and O.A. Sobolev - "Method of Determining the Number of a Calling Subsciber and a Device for Achieving it";

Card 1/2

Authors' Certificates

SOV/106-58-7-17/18

B.S. Livshits, M.M. Vitsnudel' and S.V. Levina - "Device for Sending Inductive Signals"; L.A. Korneyev, "Crystal Oscillator"; M.I. Syryev - "Method of Measuring Electric Field Strength"; P.V. Terentyev - "Device for Protecting High-voltage Rectifiers from the Anode Supply Voltage When the Heater Circuit is Broken"; V.A. Kadkin - "Device for Measuring the Magnetic Properties of Ferromagnetic Materials"; B.M. Bul - "Semi-conductor Non-linear Condensers"; T.Ye. Zaytsev - "Method of Determining the Naturalness of Sound and the Intelligibility of Speech Transmitted by a Telephone Channel".

1. Scientific reports--USSR

Card 2/2

KADKIN, V.A.

Upper limits of the magnetic hysteresis of certain ferro-magnetic materials. Fiz. met. i metalloved. 20 no.1:155-157  
(MIRA 18:11)  
Jl '65.

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.

OVCHINNIKOV, I.K., prof.: KADKIN, V.A., inzh.; TSAPLIN, A.A., inzh  
[deceased]

Investigating the wetting by mercury of platinum and its alloys.  
Inv.vys.ucheb.sav.; gor.shur. no.1:144-148 '60.  
(MIREA 13:6)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva.  
Rekomendovana kafedroy fiziki.  
(Platinum) (Surface chemistry)

KADKIN, V.A., assistant

Possibility of using the method of d.c. compensation in  
measuring the amplitude of the alternating e.m.f. Izv. vys.  
ucheb. zav.; prib. 3 no. 1:45-48 '60. (MIRA 14:5)

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva.  
Rekomendovana kafedroy fiziki.  
(Electronic measurements)

KADKIN, V.A.

Magnetometer with vibrating coil. Trudy inst. Kom.stand.mer i izm.  
prib no. 64:305-310 '62. (MIRA 16:5)  
(Magnetometer)

KADKINA, E.L.

Facies characteristics of alluvial deposits in the middle Ob' Valley. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.1: 131-137 '59. (MIRA 12:9)

1. Moskovskiy gosudarstvennyy universitet, Kafedra inzhenernoy geologii i gruntovedeniya.  
(Ob' Valley---Alluvium)

YERMAN, B.A.; PLOTNIKOV, N.P.; KADKINA, Ye.V.; MYASNIKOVA, A.T.; SHUBINA, S.B. (Sverdlovsk)

Morphology and cytochemistry of the cells of the HEp-2 tissue culture under normal conditions and in enterovirus infections. (MIRA 18:4)  
Arkh. pat. 26 no.9:47-55 '64.

1. Sverdlovskiy nauchno-issledovatel'skiy institut virusnykh infektsiy (dir. G.F.Bogdanov).

KAFLA, Z. I.

"Determination and Investigation of the Proper Movements of Stars in the Region of Eta Cygni." Sub 12 Apr 51, Moscow Order of Lenin State V imeni N. V. Lomonosov.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 420, 9 May 55.

KADLA, Z.I.

PA 234T64

USSR/Astronomy - Solar Eclipse Sep/Oct 52

"Partial Solar Eclipse 14 February 1953,"  
Z. Kadla

"Astron Zhur" Vol 29, No 5, p 622

Subject eclipse will be visible over Eastern  
Siberia, Far East, Mongolian People's Republic,  
China, Japan, and Alaska. Max occurs between  
Nizhnyaya and Podikamenaya Tunguska (lat  $46^{\circ}20'$ ;  
long east  $105^{\circ}$ ). Chart published by "Astronomi-  
cheskiy Yezhegodnik SSSR" (Astronomical Year-  
book USSR) is appended.

234T64

KADIA, Z. I.

Determination and investigation of proper motions of stars  
in the vicinity of  $\eta$  Cygni. Inv.GAO 20 no.1:47-83 '55.  
(MIRA 13:5)

(Stars--Proper motion)

POTTER, Kh.I.; KADLA, Z.I.

Determining the aberration constant from a set of two years' observations on the refractor at Pulkovo. Astron.tsirk.  
no.170:3-4 '56. (Aberration) (MIRA 9:10)

KADLA, Z.I.

Proper motions of some circumpolar stars. Izv. GAO 22 no. 1:157-  
160 '60.  
(MIRA 13:12)  
(Stars--Proper motion)

KADLA, Z.I.

Positions and proper motions of stars observed on the polar  
telescope at Pulkovo. Astron. shur. 38 no.4:758-761 Jl-4g '61.  
(MIRA 14:8)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.  
(Stars—Proper motion)

KADLA, Z.I.

Study of the globular cluster M 13. Astron.zhur. 40 no.4:691-696  
J1-Ag '63. (MIRA 16:8)

1. Glavnaya astronomicheskaya observatoriya AN SSSR.  
(Stars—Clusters)

KADLA, Z.I.

Using the method of equidensity curves in determining the flattening of the globular cluster M 13. Astron. zhur. 43 no. 1a124-131 Ja-F '66 (MIRA 19:2)

1. Glavnaya astronomicheskaya observatoriya AN SSSR. Submitted October 7, 1965.

KADLAS, Oldrich, inz.

Automatic control of the gain and attenuation distortion in the Dr 32  
wire radio system. Slabopreudy obser 22 no.11:687-693 N '61.

1. Vyskumny ustaty telekomunikaci Praha.

(Radio)

RECORDED AND INDEXED

for compensating the changes of phase caused by  
R.S. Sedorowicz

*KADLAZ, OR*

**"APPROVED FOR RELEASE: 07/19/2001**

**CIA-RDP86-00513R000519830004-1**

**APPROVED FOR RELEASE: 07/19/2001**

**CIA-RDP86-00513R000519830004-1"**

9.4310

80427

Z/039/60/021/07/029/037  
E073/E535AUTHORS: Fiedler, Otakar and Kadlas, Oldřich, EngineerTITLE: Dependence of the Residual Current  $I_{ko}$  on the  
Resistance Between the Base and the EmitterPERIODICAL: Slaboproudý obzor, 1960, Vol 21, No 7, pp 442-443

ABSTRACT: In the Telecommunication Research Institute the dependence was followed between the residual current  $I_{ko}$  in transistors (connected to a grounded emitter) and the magnitude of the resistance  $R$  connected between the base and the emitter, see Fig 1 showing the connection for transistor measurements. This dependence was studied at various temperatures of the ambience and the measured values are plotted in Fig 2, which shows the dependence of the residual current  $I_{ko}$  on the resistance between the base and the emitter. The curves show that for a given temperature of the ambience, up to a certain value of the resistance  $R$ , the residual current  $I_{ko}$  has a minimum value (equalling the residual current in the case

Card 1/2

80427  
Z/039/60/021/07/029/037  
E073/E535

Dependence of the Residual Current  $I_{ko}$  on the Resistance Between  
the Base and the Emitter

of connection onto a common base). Above the critical resistance  $R$  the residual current  $I_{ko}$  rises steeply until it reaches a value corresponding to the residual current of the transistor with a common emitter, i.e.  $R = \infty$ . For designing transistor circuits where a low residual current is a decisive factor, it is important that the resistance between the base and the emitter should not exceed the critical resistance shown in Fig 2 for a given temperature of the ambience. These results were applied in various transistor circuits developed by VUT as, for instance, the h.f. amplifier KNK 6 etc.

There are 2 figures.

(Note: This is a complete translation)

ASSOCIATION: Výzkumný ústav telekomunikací (Telecommunications  
Research Institute)

Card 2/2

GRAN, Jaroslav, inz.; KADLC, Zdenek, inz.

Concreting of the water reservoir vault on an inflatable  
formwork. Inz stavby 13 no.1:16-20 Ja '65.

1. Vojenske stavby, Brno (for Gran). 2. Research Institute  
of Engineering Construction, Bratislava, Worksite Brno (for  
Kadlc).

KADLCEK, Miroslav

Rotary dough mixers, series 771-773. Prum potravin 14 no.7:  
355-358 Jl '63.

1. Zavody potravinarskych a chladicich stroju, n.p., zavod  
Topos, Sluknov.

PAZDERKA, V.; HAJKOVÁ, Z.; KADÍCOVÁ, L.; POLÁKOVÁ, Z.

Round-cell infiltrates in skeletal muscles in progressive  
polyarthritis. Sborn.lek.62 no.12:365-370 D '60.

1. I. patologicky ustav fakulty všeobecného lekarství University  
Karlových, prednosta prof.dr. B.Bednář; Fyziatrický a balneologický  
ustav fakulty všeobecného lekarství University Karlových; Výzkumný  
ustav chorob revmatických v Praze, prednosta prof.dr. Fr.Lenoch;  
I. dětská ortopedická klinika pediatrické fakulty University Karlových,  
prednosta prof.dr. O.Hnevňovský.  
(ARTHRITIS RHEUMATOID pathol)  
(MUSCLES pathol)

PAZDERKA, V.; HAJKOVÁ, Z.; KADÍCOVÁ, L.; POLÁKOVÁ, Z.

2

Round-cell infiltrates in skeletal muscles in progressive  
polyarthritis. Sborn.lek.62 no.12:365-370 D '60.

1. I. patologicky ustav fakulty všeobecného lekarství University  
Karlových, prednosta prof.dr. B.Bednář; Psychiatrický a balneologický  
ustav fakulty všeobecného lekarství University Karlových; Výzkumný  
ustav chorob revmatických v Praze, prednosta prof.dr. Fr.Lenoch;  
I. dětská ortopedická klinika pediatrické fakulty University Karlových,  
prednosta prof.dr. O.Hněvkovský.

(ARTHRITIS RHEUMATOID pathol)  
(MUSCLES pathol)

LENOCH, F.; KAMPOVÁ, L.

Therapeutic rehabilitation of deformities in progressive poly-  
arthritis and their statistical evaluation. Cas. lek. česk. 104  
no.34:906-910 27 Ag '65.

1. Vyzkumný ustav chorob revmatických v Praze (ředitel prof. dr.  
F. Lenoš, DrSc.).

KADLCOVÁ, Lidmila, MU Dr.

Czechoslovakia

Research Institute for Rheumatic Diseases -- Prague  
(Výzkumný ústav chorob revmatických -- Praha);  
Director: F. LENOCH, Prof Dr. DrSc

Prague, Praktický lekař, No 22, 1962, pp 961-964

"Physical Education for Health in Rheumatic Maladies."

LENOCH, F.; KADLOVA, L.; MATEJICKOVA, V.

Rehabilitation therapy in progressive polyarthritis. Fysiat.  
vestn. 43 no. 2: 120-124 Mr '65

1. Vyzkumny ustav chorob revmaticych v Praze (reditel - prof. dr.  
F. Lenoch, Dr.Sc.).

*KADLEC*

DVORACEK, C.; BARTA, K.; KADLEC, A.

Complement fixation in pneumocystic pneumonias. Lek. listy, Brno 8 no.23:  
(CLML 25:5)  
537-539 1 Dec 1953.

1. Of the Patho-Anatomical Institute (Head--Docent C. Dvoracek, M.D.)  
of Palacky University and of Prosectorium KUMZ, Olomouc.

KADLEC, A.

TECHNOLOGY

PERIODICAL: CHEDICKY PRUMYSL, VOL. 11, no. 3, 1958

Kadlec, A. Determination of the thermal expansion of plastics. p. 552.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

KOLAR, O.; DENCKER, S.J.; BENKO, J.; KADLEC, A.; Neurological Clinic  
Med. Fac. Palacky Univ. (Neurol. Klin. Lek. Fak. PU), Olomouc,  
Head (Prednosta) Prof Dr J. HRBEK; Neurol. Clin. Med. Fac. Lund  
Univ., Head Prof Dr R. MULLER (Orig. version not given); Neurol.  
Dept. Pediatric Hospital (Neurol. Odd. Detske Fak. Nemocnice),  
Bratislava, Head (Vedouci) Dr J. BENKO; Microbiological Inst. Med.  
Fac. Palacky Univ. (Mikrobiol. Ustav Lek. Fak. PU), Olomouc, Head  
(Prednosta) Docent Dr E. MARSALEK.

"Problems of Immunologically Active Proteins in the Cerebrospinal  
Fluid in Patients with Subacute Encephalitis Dawson-Pette-Doring-  
-Van Bogaert."

Prague, Ceskoslovenska Neurologie, Vol 29, No 4, Jul 66, pp 280-285.

Abstract [Authors' English summary modified]: The active fraction is ob-  
tained from the 7S fraction of gamma globulins. Gamma-1-h-globulin is not  
increased. Administration of antigen from the brain of a patient dead from  
the disease resulted in correlation of the complement-fixing antibodies  
with increase in the gamma globulin fraction. These antibodies are specific  
for this disease. In subacute cases serum immunoglobulins should be examined.  
3 Figures, 3 Tables, 7 Western, 11 Czech references. (Ms. rec. 6 Jul 64).

1/1

- 35 -

COUNTRY : CZECHOSLOVAKIA  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications.  
AB3. JCIR. : RZKhim., No. 23 1959, No. 84023

AUTHOR : Jenis, F.; Kadlec, A.  
INST. : -  
TITLE : Determination of Thermal Expansion of Plastics

ORIG. PUB. : Chem. prumysl, 1958, 8, No 10, 562-554

ABSTRACT : Specific volumes and coefficients of thermal expansion of the melts were determined (while cooling gradually) of polycaprolactam, of a copolymer of caprolactam and of C-methylcaprolactam (90 : 10) of polyethylene and of polystyrol in the temperature range of 20 - 250°. Thus obtained specific volume values were compared with the results obtained from the pycnometric measurements. It was established that at temperatures of 20 to 30° the difference in density measurements by the two methods comprised no more than 0.1%. -- L. Sedov.

CARD: 1/1

KADLEC, Antonin

Struggle for air purity in England. Zdravot tech 7 no. 3:  
123-130 '64.

1. Zavody na výrobu vzduchotechnických zařízení, Milevsko.

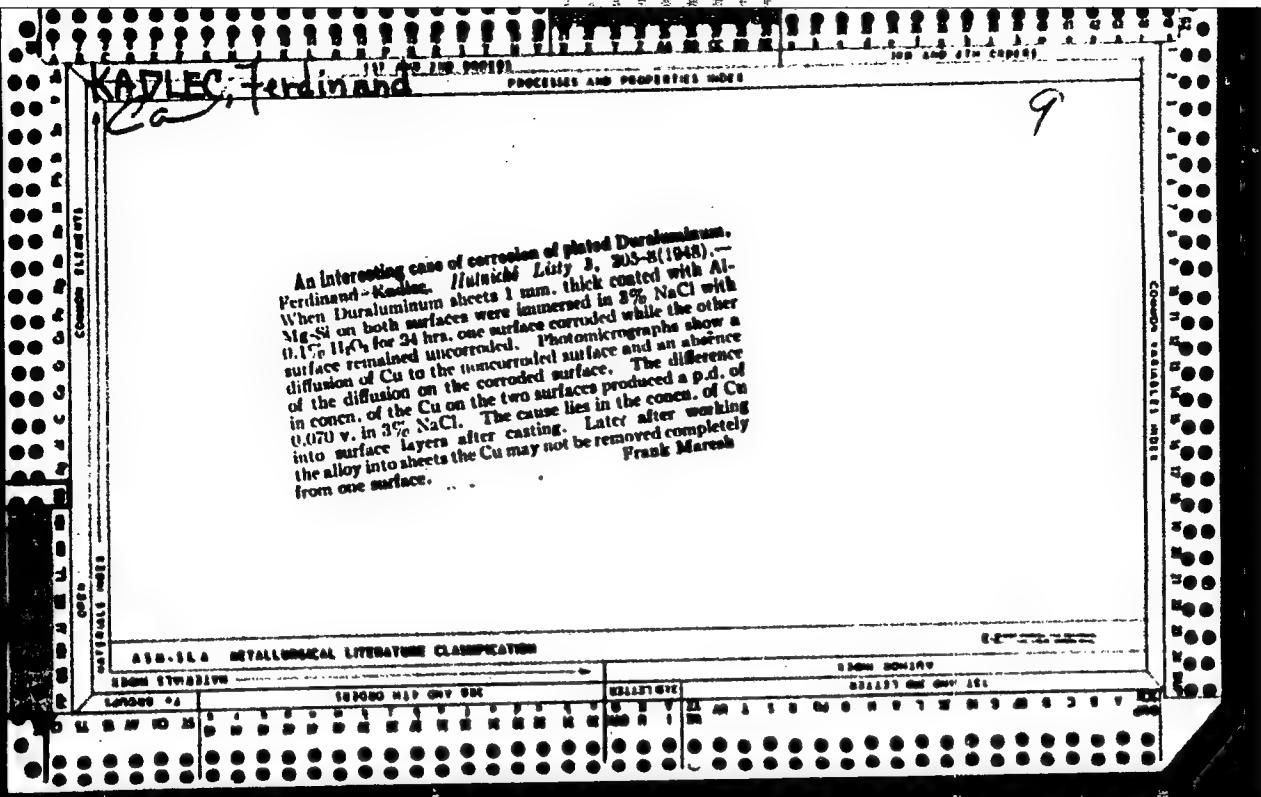
~~KADLEČ, CHESTMIR~~

POGL, Iozef [Pogl, Josef]; KADLETS, Chestmir [Kadlec, Čestmir], inshener.

Experience laying and operating on jointless rails on the Pilsen line of the Czechoslovak Republic. Zhel. dor. transp. 39 no.5: 33-35 My '57. (MLRA 10:6)

1. Mechal'nik Pl'zen'skoy dorogi (for Pogl). 2. Zamestitel' mechal'nika sluzhby putevogo khosymystva Pl'zen'skoy dorogi (for Kadlets).

(Czechoslovakia--Railroads--Rails)



KADLEE, F.

REVERSE LEACHING OF ZINC CONCENTRATES

Reverse leaching of zinc concentrates is performed with a very small excess of acid (final pH 5-6) whereby ZnO and not silicate is dissolved. The advantages of the reverse leaching as compared with direct leaching lie in the ease of separation of the solution from the charge by sedimentation or filtration.

Kadlec, Ferdinand

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© ZACH

7. Roasting zinc concentrates. Ferdinand Kadlec (Výzkumný ústav krmiva, Přerovského 6, Čechy): *Analyst* 30, 10, 73-6 (1955).—Changes in the constitution of ZnG concentrate during roasting were studied. Exptl. values obtained by roasting, leaching ability, and "image of roasting" give evidence of the presence of Zn at various temps. Peter Schmid

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519830004-1"

Kadlec, F.

Reductive fusion of tin concentrates. V. Kadlec (Huta, Lisl., 1953, 10, 703-709).—Under mildly reducing conditions, the fusion of tin concentrates yields smaller amounts of the metal but of higher purity (lower Fe content) than when employing more vigorous reduction methods. However, the slag contains more tin and flux losses are higher. Tin concentrate was obtained by usual methods of ore enrichment, being mainly  $\text{SnO}_2$  (Sn 58%, Fe 10%,  $\text{SiO}_2$  3.6%, S 0.0%, and <0.11% each of Zn, Cu, and Bi). C was used for the reduction, which was carried out in a magnesite furnace for 2-4 hr. at various temp. between 1180° and 1330°. No experimental results were obtainable at below 7% C concn., the optimum concn. of C being 14-15%. A. O. JAKUBOVIC.

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*K. H. K. Fernandes*

*Spec. were subjected to a heat treatment  
in a amt. of charcoal to a max. pt 14-16% C.  
Peter Schuchts*

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R000519830004-1"

KADLEC, Ferdinand

Ferdinand Kadlec (Prague), "Entfernung des Zinns aus Wolframkonzentraten,"  
Neue Huette (Berlin), 2/7, July 1957, pp. 422-5.

Elimination of Tin from Tungsten Concentrates.  
The author is affiliated with the Research Institute for NE-Metalle,  
Panenske Bresany, CSR.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 15914

Author : Kadlec, F.

Inst : Not given

Title : Fire-Resistance of Certain Construction Materials

Orig Pub : Protipoz. tochn., 1957, 5, No 11, 213-214

Abstract : Described are the procedures used in, and the results of experiments conducted on, the determination of fire-resistance of: wooden partitions that have internal air spaces, and whose outside surfaces are pargeted with cement; partitions made of "silicork" - structural material of 550-700 kg/m<sup>3</sup> density, and made of lime, marl, and ashes; glass-concrete partitions that are made of hollow glass blocks, 6.5 cm in thickness and of solid glass plates, 24 mm in thickness; steel frames made of 25 x 25 mm angles and

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H-19

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 15914

reinforced concrete frames of 7 x 9 cm glassed with armored glass; corrugated transite boards, 100 x 100 cm and of 5 mm in thickness. The tested materials, with the exception of "silicork", did not comply with the Czechoslovakian Standard 730760. The glassed surfaces, in addition, have to be separated by at least 1 m from the inflammable materials. For the preceding article refer to Ref Zhur - Khimiya, 158, 54430. -- D. Shapiro

Card 2/2